brings the issue to the attention of locals and educates the press about how the pipeline would impact the fishing industry. The company behind the proposal, North Atlantic Pipeline Partners of Houston, Texas, later elects to go overland with its pipeline.

• **Donald Lirette:** When ex-vessel shrimp prices hit rock bottom in May, Lirette, president of the Terrebonne Fisherman's Association, and more than 400 other shrimpers and their families meet to consider possible unionization and other options to protect the shrimp harvesters' interests. The day before, the shrimpers had clogged Bayou Grand Caillou, off Dulac, La., with shrimp boats in a show of protest at the poor prices.

"We've always been a mom-and-pop operation, but the fisherman's back is against the wall," Lirette says.

• **John Salter:** North Carolina long-haul fisherman John Salter ponders the problems fisheries experts are having designing an effective escape panel for undersized sea trout and comes up with his own simple, effective solution. Salter uses plastic gillnet-buoy rings to fashion a panel that won't get clogged with big fish, as is the case with the Division of Marine Fisheries' malfunctioning design. The DMF subsequently adopts Salter's design in March.

John Salter

• **Robert Spaeth and Wilma Anderson:** Spaeth, executive director of the Southern Offshore Fishing Association, and Anderson, executive director of the Texas Shrimp Association, lead separate efforts to keep legal pressure on the Commerce Department and NMFS. The fisheries service had cut large coastal shark quotas in half and required Gulf shrimpers to pull bycatch-reduction devices. The fishermen's lawsuits challenge both rulings on adverse economic impact grounds, as provided in the Magnuson-Stevens Act, and are unresolved as of late January 1999. NF

ARTICLE INDEX

A year in *National Fisherman*

ACCIDENTS	MONTH	PG.
One man survives fire, sinking off Texas coast	March	9
Canadian naval vessel, U.S. lobster boat collide	April	13
Despair follows sinking of N.C. flounder trawler	May	10
Fisherman lost as life raft upsets in storm off N.Y.	May	12
Two fishermen perish in North Pacific sinkings	May	14
West Coast innovator among four lost on seiner	Sept.	11
Nova Scotia fishermen mobilize at disaster	Dec.	10
High-speed ferry, dragger collide, killing fisherman	Dec.	10
Whale whompers: Tour boats ram humpback, minke	Dec.	12

BOATBUILDING (ALUMINUM)	MONTH	PG.
One for the money	Jan.	35
Highlighting low-speed jets	Jan.	37
Forefoot formula is a success	May	34
Fish now, odd sparkle later	July	34
A skiff design's aluminum evolution	Aug.	40

BOATBUILDING (FIBERGLASS)	MONTH	PG.
Make way for the Morgan Joe	March	40
Breaking tradition	April	48
Two new converts	April	50
Mighty Mischievous	June	35
Crabbers who crave speed	Nov.	50

BOATBUILDING (GENERAL)	MONTH	PG.
Boatbuilding deals gone bad	June	32
Small fry	Aug.	38
Heritage, on rails	Sept.	28
Rebuilding history	Oct.	36
The sweet Lady Jane	Dec.	56

BOATBUILDING (STEEL)	MONTH	PG.
Viva la differenza	Jan.	41
Rebuilding the Chelsea	Feb.	40
Seiner for all seasons	March	38
Fixin' the Vixen	Sept.	34
A Lady to be reckoned with	Nov.	48
The powerful Provider	Dec.	54

BOATBUILDING (WOOD)	MONTH	PG.
Restoration of the Ida Mae	Jan.	38
Round stern no longer	Jan.	40
Still getting his Diggs in	May	32
Soaking back to smaller skiffs	Oct.	40

CRAB	MONTH	PG.
N.J. reaches accord on horseshoe crabs	Jan.	11
High landings projected for tanner crab catchers	March	13
Canada, U.S. team up to seize poachers' traps	March	13
Chesapeake readying for new sanitation rules	March	14
Dungeness days	May	23
Columbia River dredging spurs fishermen to sue	June	7
N.J. crabbers lose licenses for noncompliance	Aug.	9
There ought to be a law, Pacific crabbers assert	Aug.	15
The softshell game	Aug.	26
FDA is considering label specific to blue-crab	Sept.	13
This crab's bait, but it's a bread-and-butter issue	Oct.	10
Crabbers, Corps reach dredging settlement	Oct.	13
Crabbing about the weather	Oct.	28
Poor crabbing up north benefiting Tarheel State	Nov.	18
Going solo	Nov.	32

ELECTRONICS	MONTH	PG.
LCD: Radar's future king	Jan.	43

YEAR OF THE OCEAN — REALITY CHECK — GET INTO IT

Fishermen using huge bottom trawls — gigantic metal nets that are dragged across the ocean floor, puffing, ripping and crushing everything in their path — are scouring the seabeds...

Ted Danson, founder of the American Oceans Campaign, in a November '98 anti-trawling fund-raising letter

Number of gigantic metal nets used by U.S. fishermen last year or any previous year:

0

Stated goal of fund-raising letter:

$268,500

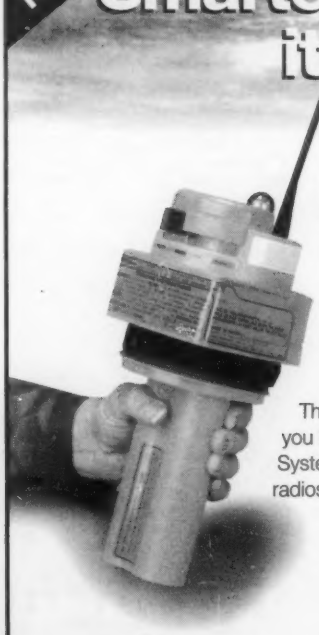
Number of "hero of the ocean" awards Ted Danson received during the Year of the Ocean:

SOURCE: NF, AOC, SMITHSONIAN

CHECK OUT www.nationalfisherman.com

NEW!

Smarter than an EPIRB, it's a GPIRB™.



Take a 406 MHz EPIRB, add a GPS and you have the new GPIRB. It's a smart self-locating beacon that can take the search out of search and rescue.

Advantages of the world's first GPIRB:

- **Instantaneous alerting through GEOSAR; no waiting for satellite-pass in the places you're most likely to be.**
- **Adds latitude and longitude to your EPIRB signal for valuable drift calculation.**
- **Uses COSPAS-SARSAT & GEOSAR systems.**

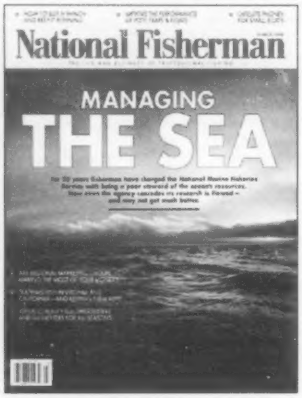
This unique GPIRB comes from the same safety people who also bring you Satfind™ Survival 406 EPIRBs and PLBs, the Alert™ Man-Overboard System and the world's finest handheld GMDSS and commercial VHF radios.

nat
NORTHERN AIRBORNE TECHNOLOGY

Northern Airborne Technology, Inc., 28 Lord Road, Suite 130, Marlborough, Massachusetts 01752, USA
Toll-free. 800 661 3477 Tel. 508 303 6762 Fax. 508 303 6763 E-Mail. gel@ma.ultranet.com

Circle Reader Inquiry # 77

COVER
STORY



The problem with some radar alarms	Jan.	43
Calling out around the world	March	42
ICOM PCK1000 communications device	March	58
MAQ sonars have multiple frequency options	April	74
SriFish Software made for commercial fisherman	June	56
Improving the vision thing	July	40
Rocky II laptop computer could be a contender	July	55
Seeking simplicity	Aug.	42
E560 echo sounder has split beam technology	Aug.	62
Mouse for Maps bridges paper, electronics gap	Aug.	63
Launching your own satellite	Sept.	40
Furuno FCV10 a low-frequency, stabilized sounder	Sept.	52
MaxSea electronic mapping software hits U.S.	Sept.	53
VHF goes digital	Oct.	42
Interphase PC/View turns laptop into sonar	Oct.	59
Plotting your strategy	Nov.	54
Solar power keeps laptops running longer	Dec.	103

ENGINES/PROPULSION	MONTH	PG.
New motors for 1998	Feb.	42
The newest marine diesels	Feb.	44
1998 diesel lineup	Feb.	46
Direct benefits for outboards	July	38
The thrust of the matter	July	44
Life in the fast lane	Aug.	44
Your propeller's worst enemy	Aug.	46
The match game	Aug.	48

FINFISH (ATLANTIC AND GULF)	MONTH	PG.
Audubon sues U.S. over anglers' tuna	Jan.	6
Atlantic Star owners vow fight to finish	Jan.	6
La. makes reef of oil platform	Jan.	9
Kickers for keeps	Jan.	14
Wanderers on land, at sea	Jan.	16
Southern inhospitality	Feb.	16
Despite feud, a united front in Madrid	Feb.	18
N. Carolinians protest U.S. fisheries oversight	March	8
Canada roe-herring plan would pool permits	March	9
NMFS, U.S. swordfishermen say, 'Give us a break'	April	10
Closure of Gulf of Maine will hurt, fishermen say	April	11
Catfish still jumping in Mississippi	April	22
Gulf menhaden industry responds to shark issues	May	11
Fishermen design means to cut weakfish bycatch	May	11
Lower prices, regulations pinch glass eel catchers	May	13
NMFS rapped over quota impact report	June	12
Florida asks U.S. to halt commercial swordfishing	July	12
Proposed dolphin limit lets anglers off the hook	July	12
Council may limit entry for red snapper anglers	July	13
Cod quota hike follows St. John's demonstration	Aug.	8
Massachusetts fishermen want share of herring	Aug.	9
Net-ban bill is telling for Florida sport fishermen	Aug.	13
N.C. fishermen snarled in monkfish proposal	Aug.	13
Third time won't charm this Miss. seafood dealer	Sept.	8
Carolinians raise a stink after pogie boat grounds	Sept.	8
Necessity is the mother of fishermen's alliance	Sept.	13
Grounds for debate	Sept.	16
Old-fashioned boat, newfangled fishing	Sept.	22
Carolina netters see red over proposals on drums	Oct.	12
Coalition cites 8 states for not protecting sharks	Oct.	15
DFO notes shift in groundfish effort	Oct.	17
Taking the bait	Oct.	30
Cod fishermen sway council on quota	Nov.	10
NMFS releases snapper quota	Nov.	16
U.S. judge backs fishermen, raps NMFS	Dec.	11
Dolphin called plentiful, but quota may be coming	Dec.	11
Advocates, fishermen unify on flounder angling	Dec.	11

Whiting are next in line for regulators' attention	Dec.	13
Pilot on the spot	Dec.	38

FINFISH (PACIFIC)	MONTH	PG.
Pollock issue packs a punch	Jan.	12
The charter conflict	Jan.	13
Urban renewal	Feb.	26
AK fleet wrestling with pay of at-sea observers	March	10
Council reduces quota of northern pollock fleet	March	12
Live from the sheephead grounds	March	26
Shore-based pollock fleet ends six-day AK strike	April	17
Park Service faulted for no-take zone plan	June	6
Ore. fishermen seek aid in El Niño's warm wake	June	7
Monkeyface eels in full Bloom	June	22
Halibut fisherman tells court dad didn't know best	July	6
Tagiak in the blood	July	24
Sardines stage a return in waters off Vancouver	Aug.	8
Regional fishery council to decide split on pollock	Aug.	11
Oregon meet focuses on groundfish research	Aug.	15
Tunnel vision	Aug.	30
Onshore processors gain in Bering Sea pollock share	Sept.	9
Trawlers may get the OK to exceed their quotas	Sept.	11
The albacore are biting, but the markets aren't	Oct.	12
Surfin' safari, Pacific City style	Oct.	24
Trollers seek answers on 'net — as in Internet	Nov.	12
Drifting where the fish take you	Nov.	36
Cruising with the Kruzof	Dec.	34

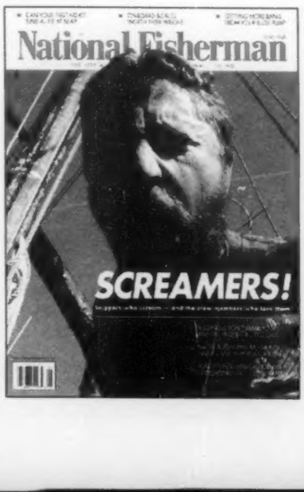
FOREIGN	MONTH	PG.
DFO takes high-tech road in fishery enforcement	Feb.	10
Norway sinking called handiwork of eco-saboteurs	Feb.	13
Factory vessel denied Chilean fishery access	Feb.	13
15 foreign boats cross line in Bering Sea in '97	March	12
World fishing conference drawing mixed reviews	April	19
An economic virus	May	18
Irish eyes are smiling at thought of U.S. waters	Sept.	43
South Korean netters land big one from North	Sept.	43
Ecuador detains, then releases Rainbow Warrior	Oct.	49
Australian naval vessel sinks foreign fishing boat	Oct.	49

GEAR AND METHODS	MONTH	PG.
An encore performance	Jan.	32
One more time!	Jan.	33
What to expect in '98	Jan.	34
SmartEngine package is a stroke of genius	Jan.	52
ComNav 1101 autopilot boasts improvements	Jan.	53
Paper towel dispenser saves towels and money	Feb.	60
Fluke Corp. multimeters make testing easier	Feb.	61
Taking care of business	March	44
Gaining the edge on the grounds	March	46
Saved by the buoy	March	48
SEEwater automatic bilge-pump switch	March	59
Hold the salt	April	54
The Sea Eagle has landed	April	56
What's cookin' in galley gear?	April	58
Transderm Scop patch could ease seasickness	April	75
Processing pitfalls	May	38
RCI Purifier West fuel purifier prevents problems	May	50
Bait Cup helps lobstermen save time and money	May	51
Pumping water out	June	37
Weight and sea	June	40
Best Bait whets appetite of lobsters and crabs	June	57
The net results of a Louisiana legend	July	36
Making the grade	July	42
Oil Vac gets you pumped about changing oil	July	54
Keep rollers and drums from missing a beat	Sept.	42
Steering clear of problems	Oct.	44
Keeping the fluid flowing	Oct.	46
Power boosters	Oct.	48
Stored Energy Power Unit a solution to "jet lag"	Oct.	58
Compass directions	Nov.	52
New ideas for fast hauling and smooth setting	Nov.	56
Lobster traps can fish right with the Bobble	Nov.	84
The anatomy of a boat	Dec.	58
Little boats, big chill	Dec.	62
Optical confusion	Dec.	64
Silkstream cod-end system can pump up profits	Dec.	102

HOME PORT	MONTH	PG.
New Bedford, Mass.	Feb.	9
Dutch Harbor, Alaska	March	9
Garibaldi, Ore.	April	11
Darien, Ga.	May	9
Gloucester, Mass.	June	7
Homer, Alaska	July	7
Port Orford, Ore.	Aug.	9
Moss Point, Miss.	Sept.	9
Rockland, Maine	Oct.	11
Seward, Alaska	Nov.	11
Port San Luis, Calif.	Dec.	11

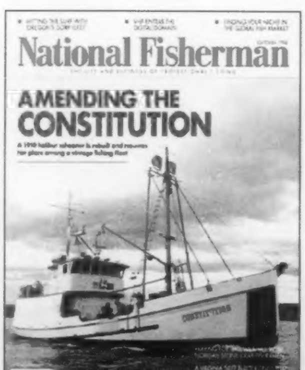
MANAGEMENT	MONTH	PG.
Social territorialism	Jan.	5
A call for better data	Jan.	5
Eco-activists seize on NMFS report	Jan.	6
Tribe takes stand on fishing rights	Jan.	8
Wash. Indians get OK to resume whale hunt	Feb.	8
Clinton signature dooms herring trawler venture	Feb.	10
Fishery managers keep their eyes on El Niño	Feb.	10
CDQ program no boon for Alaska cooperative	Feb.	13
Life's a fighting chair	Feb.	24
Fish or cut bait	March	3
Speaking out for future generations of fishermen	March	7
Fishermen erupt at talk of Gulf of Maine closure	March	14
Snapper quota in doubt despite Gulf council vote	April	10
N.Y. haul seiners lose bid for striper fishery	April	11
B.C. judge rejects validity of Natives-only fishing	April	15
Catch limits are rejected for nonresident anglers	May	15
Western Villages to keep their CDQ pollock rights	May	15
Clinton's budget surprise	June	3
Wallet alert: U.S. seeks user fees from fishermen	June	6
Maine seeks shutdown of inshore groundfishing	June	8
Factory trawler bill uniting some, splitting others	June	10
Ottawa cited in Canada's Atlantic stock collapse	June	44
Bill to increase penalties concerns fishermen	July	6
U.S. park service trying to shut off Glacier Bay	July	6
Judge backs fishermen in Florida net ban case	July	13
Buying back the fleet	July	16
U.S., Russia apprehend driftnet-ban violators	Aug.	10
Enviro groups seek better protection for sea lions	Aug.	11
Battle over subsistence is deadlocked in Juneau	Aug.	11
Good news from Monterey	Aug.	3
Gulf shrimpers sue NMFS over BRD regs	Sept.	12
Judge dismisses charges against Maine Indians	Sept.	12
Long, hot summer filled with public hearings	Sept.	43
Voices carry on	Sept.	24
Congress scraps proposal for USCG user fees	Oct.	15
Time is short for effort to avoid U.S. oversight	Nov.	14
Deep impact	Nov.	24
Heavy regulation is taking its toll on Calif. fleet	Dec.	14
Change looms for Bering Sea pollock allocation	Dec.	18
The invisible disaster	Dec.	22

MARKET REPORTS	MONTH	PG.
Gulf/South Atlantic - red snapper	Feb.	14
North Pacific - sablefish	Feb.	14
Northeast - lobster	Feb.	15
Pacific - pink shrimp	Feb.	15
Northeast - scallop	March	16
Gulf/South Atlantic - blue crab	March	16
Pacific - chinook	March	17
North Pacific - herring	March	17
Northeast - Year in Review	April	32
Gulf/S. Atlantic - Year in Review	April	34
Pacific - Year in Review	April	36
North Pacific - Year in Review	April	38
Northeast - flounder	May	16
Gulf/S. Atlantic - shrimp	May	16
Pacific - whiting	May	17
North Pacific - Pacific cod	May	17
Gulf/S. Atlantic - fresh tuna	June	14
Northeast - cod	June	14
Pacific - albacore	June	15
North Pacific - salmon	June	15
North Pacific - shrimp	July	14
Gulf/S. Atlantic - oysters	July	14
Northeast - blue crab	July	15
Pacific - blackcod	July	15
Pacific - squid	Aug.	18
North Pacific - pollock	Aug.	18
Northeast - flounder	Aug.	19
Gulf/S. Atlantic - swordfish	Aug.	19
Gulf/S. Atlantic - mullet	Sept.	14
Northeast - clams	Sept.	14
North Pacific - shellfish	Sept.	15
Pacific - crab	Sept.	15
North Pacific - crab	Oct.	18
Pacific - urchins	Oct.	18
Gulf/S. Atlantic - mackerel	Oct.	19
Northeast - scallops	Oct.	19
Northeast - oysters	Nov.	20
Gulf/S. Atlantic - spiny lobster	Nov.	20
North Pacific - salmon	Nov.	21
Pacific - rockfish	Nov.	21
Northeast - shrimp	Dec.	20
North Pacific - rockfish	Dec.	20
Gulf/S. Atlantic - shark	Dec.	21
Pacific - herring	Dec.	21



MISCELLANEOUS	MONTH	PG.
U.S., Mass. fund health care plan	Jan.	8
Killer whale gets best of great white	Jan.	9
Public's confidence restored in seafood	Jan.	11
The Great Salt Lake	Jan.	23
Fishing for history	Jan.	26
Are you a professional?	Feb.	3
Fish buyers bid 'em in at Gloucester auction	Feb.	10
Boat of the Month: Anastasi	Feb.	10
Snapshot: Matt Marinkovich, Puget Sound	Feb.	12
Galley Watch: Halibut Divine	Feb.	13
Make more money	Feb.	20
From trash to treasure	Feb.	28
All in the family	Feb.	32
Va. reservoir plan moves ahead despite protests	March	8
Skipper loses command over incident off Virginia	March	9
Were meatless Fridays really the good old days?	March	10
Boat of the Month: Gloucesterman	March	10
Snapshot: Peter Nelson, Ben Secour, Ala.	March	12
Galley Watch: Salmon Supreme	March	13
Hawaiian authorities say fish dealer a real shark	March	13
Calif. trawlerman hauls oddity from the deep	March	13
Fighting for the protein shopper	March	20
Patroness of the air waves	March	32
Fit to print	April	3
Bronze statue planned for N.C. waterfront	April	10
Undersize striper lands Carl Safina in hot water	April	11
Grants boost marketing, development in Maine	April	12
A Maine lobsterwoman writes her own ticket	April	12
'Perfect Storm' author as popular as his book	April	13
Calif. group sues treasurer, alleges embezzlement	April	16
Divers in Santa Barbara pay price for free motors	April	16
Boat of the Month: Converter	April	16
Snapshot: Peter Prybot, Pigeon Cove, Mass.	April	17
Galley Watch: Eye of the Round	April	19
The days of shooting dice with the devil	April	28
A Ben-nar year for factory trawlers	April	33
And now, our top story	April	36
Hot copy	April	30
Believe it or not	April	37
1997 article index	April	39

Who shot at sea lions atop buoys?	May	8
Hawaii site to promote fisheries and tourism	May	8
Incident sparks debate on arming DFO officers	May	9
Man fires at agent inspecting illegal gillnet in La.	May	10
Texas shrimper is cited for taking bomb ashore	May	11
Change faces bought-out New England dragger	May	11
Processing waste yields posh compost in Maine	May	12
Food for thought: NASA sends fish for shuttle ride	May	13
OSHA inspections spawn discontent on fish piers	May	15
Boat of the Month: Valiant Lady	May	10
Galley Watch: Deep Fried Atlantic Cod Steaks	May	12
Snapshot: Sue Laird, Cordova, Alaska	May	14
A lasting heritage	May	26
The big picture	May	36
Towing the line on maintenance	May	40
Chesapeake island gives thumbs-down to movie	June	9
Researchers go to beach in R.I. to eye blue whale	June	9
North Slope's captains prepare to stalk whales	June	11
Top U.S. fishery official makes comic-strip debut	June	13
Boat of the Month: Emilia	June	8
Snapshot: Bruce Steele, Santa Barbara, Calif.	June	11
Galley Watch: Szechuan Shrimp Sauté	June	12
Loud & proud	June	18
He'll take Manhattan	June	24
Remembering a champion	July	3
Gov. Knowles rescinds invitation to B.C. leader	July	6
State demands repayment of El Niño relief funds	July	7
Fishermen win the right to dress catch for public	July	7
Bay State brothers fined $2M for fisheries fraud	July	32
Snapshot: Rob Westendorf, Isle of Palms, S.C.	July	8
Boat of the Month: Seven Seas	July	10
Galley Watch: Lobster Hash	July	11
Breakfast at Canetti's	July	26
B.C. fishermen bare all —nearly — in protest	Aug.	8
New England answers plea of foreign crewmen	Aug.	9
Microbe management: dealing with Pfiesteria	Aug.	9
Snapshot: Doug Goodale, Wells, Maine	Aug.	11
Boat of the Month: TAMAR	Aug.	14
Galley Watch: Pork Chop Surprise	Aug.	15
Going against the green	Aug.	22
Having it both ways	Aug.	32
"Greenpeace Seven" freed	Sept.	9
Silted harbor, red tape strands Calif. fishermen	Sept.	9
Galley Watch: North Atlantic Shrimp Over Pasta	Sept.	10
Snapshot: Drew Scalzi, Homer, Alaska	Sept.	11
Boat of the Month: F/V Pacific Dynasty	Sept.	12
Prepare to cover your bottom	Sept.	38
Boatbuilder returns vintage sloop to fishing roots	Oct.	10
Humans, harbor seals share San Diego beach	Oct.	13
Marketing Fishermen	Oct.	4
Boat of the Month: Amazing Grace	Oct.	12
Snapshot: Dale Beasley, Ilwaco, Wash.	Oct.	13
Galley Watch: Grilled Sockeye Salmon	Oct.	15
The educated tourist	Oct.	20
Supply and Demand: the new equation	Oct.	22
A matter of fact	Nov.	3
Fishermen vow to rebuild Gloucester pier	Nov.	10
"Eco bullies" vow to stop tribal hunt of gray whales	Nov.	11
As usual, Dutch Harbor leads U.S. in catch, value	Nov.	16
Galley Watch: Double Layer Chocolate Storm Cake	Nov.	12
Snapshot: Jonathan Robinson, Atlantic, N.C.	Nov.	13
Boat of the Month: Silver Dollar	Nov.	18
National Fisherman's 1998 Highliners	Nov.	22
The pain-free fisherman	Nov.	26
The instigator	Nov.	38
Reliving the good life	Nov.	40
Who are you?	Dec.	3
Fishermen fined $55,600 for child-labor violations	Dec.	13
Federal red tape giving Ore. processors red ink	Dec.	15
Study finds no health risk from mercury in seafood	Dec.	16
Undeterred, Alaska firm progressing with plant	Dec.	18
Boat of the Month: Nemorado	Dec.	14
Snapshot: Michael Birarelli, Beverly, Mass.	Dec.	16
Galley Watch: Shrimp Jambalaya Bayou La Batre	Dec.	17
An industry snapshot	Dec.	26
Old taboos die hard	Dec.	46



POLLUTION/ENVIRONMENT	MONTH	PG.
Mystery slick hits West Coast bay	Jan.	10
Fishermen-free refuge gets vote	Jan.	10
'Mud dump' closed to polluted spoils	Jan.	12
Many are trained, but few were called to spill	Feb.	8
Fla. task force hoping to avoid *Pfiesteria* scare	Feb.	12
Scientists uncertain of nature of hydroid threat	March	14
Plan for undersea pipe worries New Englanders	March	14
Fla. grounding prompts reef-damage assessment	April	10
Fishermen are left out in R.I. oil spill settlement	April	14
Anti-seal-hunt campaign called "circus of deceit"	April	14
Yellow submarine looks for deepwater snappers	April	17
1,600 scientists declare world's oceans imperiled	April	18
The lessons of El Niño	April	30
The medic couldn't resist *Pfiesteria*	April	31
Can you say phooey?	April	31
El Niño batters W. Coast, shuts down fishing fleets	May	8
Diver, minister at odds over B.C. sewer outfall	May	9
Mercury in fish still issue, U.S. government says	May	13
Pair cited in poisoning of a reef off Hawaii	June	7
Nomadic crab is menace wherever travels take it	July	10
Crude behavior	July	20
The Cat rattles fishermen, right-whale activists	Aug.	8
Dredging up trouble	Aug.	20
Shift in Gulf currents way cool off Fla. panhandle	Oct.	11
Shrimpers share credit as turtles make comeback	Oct.	11
New predator slithering through Fla. wetlands	Oct.	12
Md. study lends credence to *Pfiesteria* symptoms	Nov.	16
Scientists are perplexed by parasite attacking eels	Dec.	11
Maine rockweed harvest raises habitat concerns	Dec.	12
Myopic fiber optics? Cables threaten fisheries	Dec.	14

SAFETY	MONTH	PG.
Ready or not	May	3
Canada eyes closing some Maritimes lighthouses	May	9
Think or swim	May	20
USCG selling fleet of self-righting 44-footers	June	6
Primary care	June	42
Mayday malfunction	Sept.	36
SEE/RESCUE SAR increase chances of being seen	Nov.	85
Danger is name of game for U.S. fishermen	Dec.	17

SALMON	MONTH	PG.
Is red sun setting for Alaska salmon?	Jan.	12
Activity rising on Ore. watershed	Jan.	10
336 netters opt out of Bristol Bay suit	Jan.	12
Accord on treaty is not just salmon pie in the sky	Feb.	8
Ore. logger to pay price for harming fish habitat	Feb.	8
U.S. declares Bristol Bay salmon non-run a 'failure'	Feb.	13
U.S. moves to put duties on farmed Chile salmon	April	18
U.S. emergency agency denies Bristol Bay aid	April	18
Dam nation	April	20
All eyes on Bristol Bay	April	34
Broad support is voiced for listing salmon, trout	May	8
Salmon envoys leaning toward B.C. fishermen	May	9
Alaska forecasts 19 percent rise in summer salmon	May	14
Class-action is sustained in salmon-price lawsuit	June	10
Alaskans know wisdom of Norwegian's words	June	12
Salmon escape a farm, rekindling debate in B.C.	June	44
Tribal resurgence	June	16
Signs point to real effort to gain treaty on salmon	July	7
W. Coast salmon opener catches mixed reviews	July	8
Canada orders $8 million of penned salmon destroyed	July	11
Anderson mulls closure of coastal salmon fishery	July	11
Salmon season has gusty start in Copper River	Aug.	10
Down in the bay	Sept.	18
A united front	Sept.	3
Washington, Oregon find accord with Canada	Oct.	13
Alaska governor declares '98 salmon run a disaster	Oct.	14
An entrepreneur brings pinbone battle to front	Oct.	15
Armed B.C. tribe ignores closure of Fraser River	Oct.	17
U.S. imposes punitive duty on farmed Chilean salmon	Oct.	49
A conservative angle: Catch fish that catch fish	Nov.	11
New variables unveiled in hunt for missing salmon	Nov.	13
Full plates at Alaska fete belie empty salmon nets	Nov.	14
Promises, promises: so much for tranquil era in B.C.	Nov.	15
Farmed salmon thought to reproduce in B.C. waters	Dec.	10

Agreement may increase funds to breach dams	Dec.	15

SHELLFISH	MONTH	PG.
Lobster broodstock 'thrills' scientist	Jan.	7
Quahog disease takes toll on farmers	Jan.	7
Record hauls off California	Jan.	10
Virginia, Maryland launch oyster efforts	Jan.	11
Working the lobster line	Jan.	20
Trap wars	Jan.	21
Compromise is reached in lobster grounds dispute	Feb.	9
Treatment plant eases pain for N.J. clam flats	Feb.	9
Maine fisherman lands 'great white' lobster	Feb.	9
Arcade-style game has diners fishing for supper	March	8
In Maritimes, fishermen split over krill fishery	March	9
WWII ornaments give Calif. fishermen a shot	March	14
Lobster, pork promoters share love of white meat	April	11
Environmental group's boat hit with oyster charges	June	7
East Coast lobstermen facing state trap limits	June	8
PR campaign targets La. raw-oyster debate	June	13
Shellfish-snacking otters eating at Calif. fishermen	July	7
Maine says states can regulate their own lobsters	July	32
Oyster leasing resumes along Louisiana coast	Aug.	14
Council backs reduction in scallopers' sea days	Oct.	10
Maine lobstermen thwart gear-reduction effort	Oct.	10
Oystermen suspend harvest in Galveston Bay	Oct.	11
For N.C. clam growers, a new predator: thieves	Oct.	11
New threat to oysters is seen in Asian whelks	Nov.	10
Rains raise clam price but diggers take a bath	Nov.	10
Maine scientist doubts prophets of lobster doom	Nov.	11
Lobstermen undergoing overhaul of logbooks	Nov.	12
Lobster patrols not aimed at Natives, DFO asserts	Nov.	15
Hot weather puts chill on La. crawfish harvest	Nov.	18

SHRIMP	MONTH	PG.
Shrimpers accept 49-day season cut	Jan.	6
Bycatch device earns praise in Ga.	Jan.	9
The secret of Great Salt Lake	Jan.	22
Texas is on the lookout for shrimp farm diseases	Feb.	11
Ga. shrimp trawlers see threat in cast netting	March	9
Shrimpers say snapper BRD puts Gulf fleet at risk	July	12
Day trippers	July	22
Big catches small comfort in Bayou Grand Caillou	Aug.	13
Talk of night fishing ban irks southern shrimpers	Sept.	8
Pushing the passes	Dec.	42

NF

Circle Reader Inquiry # 72